

## Certificate of Analysis

Date of Testing: 2023-06-30 17:30:27  
Date of Next Testing: 2027-06-29 17:30:27  
Product Name: **Urea**  
CAS Number: 57-13-6  
Specifications & Purity: for cell culture,  $\geq 99.5\%$  (T)  
Lot #: F2315774  
SKU #: **U111904**  
Analysis: **235752**

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.3 (%)	0.20 %
Purity (T)	99.5-100 (%)	99.71 %
Appearance (U111904)	white pellets or Powder or crystal	white pellets or Powder or crystal
Solubility in H <sub>2</sub> O , Colorless, Clear, 100 mg/mL, H <sub>2</sub> O	pass	Pass
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager